on the diseases and disorders of

Children.

Diseases of Children

In every part of the Science of Medicine as we find it in the Old School, we meet with errors sanctioned by time & ~~the~~ venerable for age and learning. One of these errors is, that we know nothing of the diseases of Children, and that all our prescriptions for them, when successful, are the result of lucky guesses; ~~[illegible]~~ and this in consequence of their inability to inform us by Speech of their Seats and pains. I deny this to be the case. ~~[illegible]~~ On the contrary I believe that their diseases are more easily known, and more easily cured than the diseases of grown people. My reasons for this opinion ~~[illegible]~~ are as follow.

3 The diseases of Children are attended more generally with premonitory signs than the Diseases of adults. I menti=
=oned them formerly in our lectures
upon fevers. —

1 Their diseases are fewer in number than the diseases of grown people, and of course less time and labor will be necessary to acquire a knowledge of them.

2. They are more simple in their nature, inasmuch as they are more combined with the diseases from intemperance, from the undue exercises of the mind, from hurtful occupations of any kind, and from their wholly unconnected with menstruation, pregnancy parturition and giving suck. V

3 They more uniformly indicate their existence and force, by the pulse, and by their cries, and countenances than in Adults. ~~The latter frown~~ In the latter, the pulse is sometimes silent, ~~from the~~ ~~disturbed~~ changes ~~the body undergoes from the customs of civilized life~~, or it affords an uncertain information of the nature of a.

disease, ~~and~~ Adults moreover from fortitude ~~or habits of self-denial~~ or pride are silent when in pain, or their complaints are not proportioned to ~~their~~ its violence. they often conceal indisposition by an habitual or affected ~~composure~~ composure of countenance. A young lady when intent upon a dance or an evening party, will often suppress a cough, or throw off the contracted brow of pain in order to purloin the consent of her parents to attend it. Now children are strangers to all these habits & arts in all their diseases.

Upon the subject of the cries of children I would remark, that those which arise from pain, are distinguished from those which arise from ill temper by wrinkles

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upon the forehead, and between the eyes.
In the latter case there is a depression of
the lower lip known by the name of
pouting.

5 The ~~Operations~~ Operations of different parts
of the body in health are less dispersed in
the diseases of children than in those of adults,
in consequence of which, their symptoms
more generally discover themselves, and
medicines act ~~upon~~ with more certainty upon
their diseases; - hence the efficacy of esse=
=tis in Cynanche trachialis, ~~and~~ of onions
to the os pubis in a suppression of Urine,
and garlic to the feet in diseases of ~~the~~ their heads.
none of these remedies act with the same
force or certainty upon the bodies of adults,
from the diminished sympathy of those
parts ~~of the~~ with each other.

6 Children are more easily deceived, or ~~The Children diseases of Children more generally exhibit~~ compelled by fear, or force to take medicines when it is necessary to them such as are unpleasant, unpopular, or painful than adults.

Nature cooperates more with medicine in curing the diseases of Children than she does the more complicated & numerous diseases of grown people.

& Children's diseases are never aggravated by solicitude, fear, or terror, with respect to their fatal termination. —

~~All this~~ You will perceive at once that all the reasons I have given for believing that the diseases of Children are more easily known and cured than the diseases of grown people, ~~[illegible]~~ are wholly founded upon

The Unity of Discourse. ~~and~~ ~~To a theological study~~

Rotion, and of cutting the ~~teeth~~ gums in
the Diseases induced by Dentition.

Children are more easily Deceived or compelled by
u to take medicines when it
necessary to administer to them such as are
unpopular, or painful, ~~remedies~~, than
with medicine
Adults.
Nature cooperates more in curing the
Diseases of Children, than in the more
complicated & numerous Diseases of
grown people. — V

I acknowledge that the reasons I have
given ~~apply~~ ~~to~~ for believing that the Diseases
of Children are more easily known & cured
than those of Adults, apply only to the
Unitarian in medicine. ~~To the resolvist~~
who ~~wishes every disease~~ believes every Disease
pain to Depend upon a specific cause,
to require a specific remedy, ~~to the~~

V congenial diseases & disorders men=
=tioned formerly, I shall mention one
more — viz imperforated bowels — ~~[illegible]~~
~~[illegible]~~ — I have seen one instance
in which the imperviousness extended but
an inch or two in the rectum, & I have
heard of another wh extended from the
rectum to the stomach. Dr Dunlap.

+ They are sometimes affected ~~with~~ with Jaundice
soon after birth from obstructed bile. Dr Pierson
says he saw Death induced in 10 out of 11
Children by this Disease in London. The
Deeper the yellow Color, the greater the danger.
I have seldom seen it fatal. Purges cure it.

of Children's Diseases and Accidents

most of these, have been included in the diseases of Adults. I shall at present confine myself to such as have not been treated of in our previous lectures. In addition to the v.

1 ~~The first disease~~ Children sometimes ~~often~~ expire immediatly after birth from suffocation from the liquor amnii insinuating itself in to the Trachea. For this I know of no cure. When they are unable to breath from other causes ~~charges~~ blowing into ~~[illegible]~~ mouth, ~~or~~ other orifices they are subject to the Fœtus meconium from a retention of the meconium: 2 Cutting the Umbilical Cord with a dull instrument, ch.

2 3 hot air, and smoke in the rooms in w. they are born. The Remedies for the 1 is a sponge immediatly after birth. for the 2nd. Soft Tragacant applied to the navel. for 3rd an airy room. +

3 Children are born with a bigoment of the tongue of an undue length. The remedy

is cutting it with a pair of round ended Scissors.
Mr Pettit forbids cutting it too soon after birth,
— for in so doing the tongue is thrown back
so as to choak the Child in Sucking. It may be done
Any time
before it is 3 months old. —

4 The Red Gum ~~which is~~ is an eruption on ~~the~~ the skin
of red spots. It generally goes off of itself.

5 Spina Bifida is generally fatal. — said to be
cured by a caustic. —

6 Asthma — ~~for~~ is the effect of a fever from the
action of the air & aliment on the body.
& washing the mouth ~~& throat~~ ~~Defeat~~
It is cured by gentle purges & Molasses & water.
~~in some parts, known to be~~ ~~or Thirsty~~

7 Milk in the breast. ~~to~~ It is common to
squeeze the nipples in order to discharge the milk
from them. I once saw a tumor which required
extirpation thus induced. It is much better to repel
it by discutient plasters & liniments.

This should be relieved
8 Belly Ache — by magnesia — Alth: Salts
Lime water ℥ij Spec. g. ij Laud. gtt. 6. Cort. Cin.
& Laud: and by abstinence of diet in the
Nurse or mother. An old & intelligent Nurse

v intuscepticon of the bowels than adults.
It ~~has~~ has been proposed to obviate the bellyach
& all the stomach & bowel complaints of
Children by preventing their living upon
breast milk. But this proposal is founded
upon an erroneous opinion of the ~~nature~~
change induced ~~by~~ upon the milk ~~by~~ in the
child; stomach. It is supposed to be
turned, or decomposed by an acid ~~b~~ in
the stomach ~~of a child~~. This is inferred from
its being pushed up in an apparently curdled
state. But some late experiments made
by Dr Clark & published in the ~~Dublin~~ Dublin Trans=
=actions of the Dublin Society prove that ~~the~~ Children push
up the Cream or oily part of the milk
only, and not its ~~cheesy~~ cheesy part. It of course that
it is not ~~universally~~ ~~decomposed~~ turned
or decomposed by an acid as it is out
of the body. The Dr proved positive

informed me she had ~~known~~ observed infants to be most subject to this complaint in stormy weather & boys to be more subject to it than girls. ~~The~~ Children are more subject to an V. 9 costiveness. Its Remedies are ~~[illegible]~~ made pap of cornmeal, ~~and~~ Syrup of Rhubarb — & Injections. —

10 Dentition. Its Symptoms are vomiting, diarrhoea, fever, startings, convulsions, swellings & sores behind the ears, tumors in the neck and groin, and according to Dr Underwood a gonorrhea. The Remedies for all these complaints should be bleeding, cutting the gums, purges, cool air, and Laudanum when there is Danger of convulsions. —

11 ~~Child~~ Cutaneous Eruptions. ~~especially behind their ears~~. I spoke of the Remedies for them formerly. They shd never be repelled without purging afterwards.

12 I have sometimes met with warts on the tongues of Children — of a spongy nature. — They are easily cured by excision.

13 Children are sometimes unable to make water from the prepuce, growing over the

that human milk is much less disposed to become sour out of the body than has been supposed. He kept some of it two years in a warm place without its becoming sour. ~~and~~ Cows milk kept under the same circumstances became sour in a few days. ~~Against~~ Upon the practice of bringing up children by the hand ~~as~~ as it is called, I would observe further, that ~~such~~ it has been said such children are more subject to ~~cancer~~ cancer be cut off by acute diseases than such as are suckled, and that when they live to be adults, they are seldom long lived. In ~~Iceland~~ Iceland Dr. Crill says, children ~~drink~~ drink but 3 or 4 days, and hence he says few ~~live to be~~ persons live longer than between 50 & 60 years of age in that Island. I can say nothing in support of this remark ~~before~~ from my own observations. If children are handled in acidity in the prime vie, it will be corrected by the diet of the nurse - that is by animal food, & avoiding ~~the~~ certain vegetables &c.

glands penis, so as to obstruct the meatus urinarius. Its remedy is circumcision —

14 ~~Children~~ male children from playing with the penis, or from hurts are subject to ~~Phys~~ Paraphymosis. Its remedies are - cold water - Lead water - ~~tar~~ gentle compression with the hand, & purges.

15 Prolapsus ani. To be reduced by a warm cloth - or the thumb - and retained by a ~~ab~~ astringent applications confined by a bandage. —

16 Children suffer greatly from swallowing pins, or from needles insinuating themselves into their flesh. Mr Boyle ~~des~~ mentions obstinate sores from this cause. when they can ~~be~~ felt, shd always be extracted. Robt worris's Son's case. Risings on their heads.—

17 Children suffer go down of themselves from falls, both in their heads & limbs. To prevent the former, they

should always, be ~~taught~~ to creep before they walk, by which means, they learn to protect their heads, when they fall, by throwing out their hands. ~~tho~~ a fall on the head sh.d never be considered as ~~insignificant~~ trifling, but its bad effects shd. always be obviated, by bs. - purges, & low diet. There is less danger when blackness, or inflamn.n or swelling, follows it, or when it is attended with a wound, - than when none of those consequences follow it. In the cartilaginous state of the skull, it is wonderful to observe how little Children suffer from falls upon it. ~~Injuries to~~ Injuries to the limbs are seldom ~~to~~ dangerous, - they are chiefly so, when they affect the hip joint, where they often bring on incurable lameness and death. ~~Tob~~ Both may be prevented by treating it as a Rheumatism by bs. - purges - low diet - & rest. all stimulants applications to it are hurtful. -

21 Children in common with Adults are subject to the bilious Colic. It some=times blends itself with the Cholera Infan=tum or Cholera morbus of Children. It may be known by ~~the~~ their constant cries & the twisting ~~wincing~~ of the bodies. ~~of Child~~ The Remedies are purges bleeding, injections, the warm bath and blisters.

18 Children sometimes put cherry stones, grains of Coffee &c up their noses. They are best extracted by a probe bent at the end.

19 Children often swallow fruit stones - coins, buttons &c -. They are best discharged by ~~oily~~ purges particularly Castor Oil. I have often been surprised how little children suffer from such accidents. A Nail was once swallowed by a Child in Connecticut. It was discharged by ~~the~~ stool with its big end foremost. —

20 For an Acc^t of the Colera Infantum, I refer you to my ~~upon~~ Inquiries. I have only to add to it - that I have repeatedly found bleeding to be as useful in it as in the Colic of Adults, and that I have learned from a dissection that the appearance of the bile & liver indicate it to partake of the malignity of the yellow fever in yellow fever years. I have once heard of its terminating by a black vomit.

22 There is a disease among Children called

~~It is sometimes followed by a disease called the~~ # 13.

Tabes Infantilis. In this disease, they first become pale – listless & inactive. – their appetites fail, if they have been recently weaned, but if ~~they~~ not the appetite is voracious. They suck immoderately, but soon afterwards rather belch up, than vomit up the milk in a ~~coagulated~~ state. This symptom is succeeded by frequent liquid stools, but sometimes by costiveness with a swelled belly, and emaciated extremities. These symptoms are followed by Lientery, or a discharge of the aliment but partially digested – great thirst – ~~coldness~~ wasting sight sweats, especially about the head & breast – great weakness. – and finally the Hippocratic face". It is often a fatal disease, and has been supposed to arise from worms, but it exists independantly of them, & possibly from the want of them to consume this superfluous aliment. Its Remedies are Wine – Bark – animal food – cold Bath – exercise and Country Air. —

V. of the Catarrh of Children

~~I shall only~~ This Disease is sometimes epidemic from the insensible qualities of the air, but is more commonly the effect of the alternate action of heat & cold. Its Remedies should be 1 Bleeding - more copious than in a disease of the same force in adults, first because little or no aid in reducing the System can be derived from sweating & 2ly because they are unable to relieve their lungs by expectorating the phlegm which the disease accumulates & 3ly because from the greater force of the arteries which are lodged in them & 2 smaller. They should be repeated two or three times 3 purges 4 demulcent drinks - blisters & cataplasms of various to ~~their~~ feet. —

* carry the blood to the head, they are more disposed to cephalic congestions & their consequences, than Adults.

23 There is a disease called by Dr Underwood (who is the only author that has ~~lee~~ described it), Erisipelas Infantilis. It occurs within the month, and until children are a year old. It affects the arms - legs - hips - & trunk & often passes suddenly from one part of the body to another. I have now & then met with it, — It is often fatal; but it has lately yielded to bleeding ~~&~~ and antiphlogistic remedies. ~~Burns o~~

24 ~~The~~ I have already treated ~~of the Hydrocep.~~ ~~Cynanche trachealis.~~ ~~Apoplexia infantilis~~ of the Hydrocephalus internus, internus. ~~The~~ many facts upon it not deliv: in my lecture upon it, I refer you to my Ing: ~~Observations~~ or Apoplexia infantilis and Cynanche trachealis.

25 It remains only now to make a few remarks upon worms in the alimentary canal. ~~The are the~~ ~~of any~~ ~~Opinions respect~~ ~~I have said in my Ing. and~~ ~~Obs. that they exist merely~~ They are chiefly the round worm - the Teria - or long worm - & the ~~& the Gastrobitanes~~ Ascarides. ~~The Lumbricus of the~~ the round worm

Apoplexy - Epilepsy - Hydrocephalus internus - Tetanus - Convulsions - Shrieks - Startings in sleep - efforts to swallow especially in sleep - obtuse pain in the side - dry cough - frothy expectoration with a low unequal pulse - Singultus - Cardialgia - nausea - vomiting - Diarrhoea - costiveness - Colic - Colica mordax - thinny stools - a sudden inclination to go to stool - handling the belly - dilated pupils - swelling of lower eyelid - lying on the belly - and a sudden appearance & disappearance of a swelling in the belly - an appearance of Chyle in the Urine - picking the nose - a sour breath - a slow absent - and intermitting pulse - preternatural heat - a flushing in one cheek - atrophy - swelling of the Ala nasi, and upper lip - & moist - itchy & contracted nostrils - these morbid Affections are said to be symptoms of worms - but they are often primary Diseases - the worms are only this remote causes, and hence we find many of them exist after the worms are discharged from the body;

but after all - the discharge of worms is the only sign of them on which we can place full dependance, but even this does not prove, they are a cause of a disease, for we often observe them

to discharge fragments of it for several years since, but seldom feels any inconvenience from it while he is using the ~~worsi~~ Iron.

The Ascarides

are seated chiefly in the Rectum, and are to be removed by injections of Salt & Water, or infusions of Tobacco.

I ~~shall~~ only two remarks to this short account of the diseases of Children.

1 ~~It~~ has been common to advise physicians to suspect worms in all ~~these~~ diseases of Children. I do not wish to lessen the influence of this advise, but permit me to add to it, – suspect likewise the dropsy of the brain. It is often a primary disease, but there is scarcely a child's

disease that does not often terminate it.

2 In all sick children's diseases as occur while they live upon the breast, the diet of the mothers or nurses should be regulated by the nature of their diseases. In times prevs of great force, their mothers & nurses should live upon vegetable food, and abstain from butter & distilled & fermented liquors, but in diseases of a contrary character, they should live generously. This direction is highly important and should never be forgotten by a physician.